UNIVERSAL®
L A S E R   S Y S T E M S

Customer _____

Address_____

Contact Name and Phone#_____

Site Survey for VLS3.60 VLS4.60 VLS6.60

	VLS3.60	VLS4.60	VLS6.60
Operating Environment	Well-ventilated office (recommended) or clean, light-duty manufacturing		
Operating Temperature	50ºF (10ºC) to 95ºF (35º C) capable 73ºF (22ºC) to 77ºF (25º C) for best performance		
Storage Temperature	50ºF (10ºC) to 95ºF (35º C)		
Operating Humidity	Non-condensing		
Power Consumption up to:	Single Phase 110/240V AC, 10/5 Amp, 50/60 Hz Grounded (earthed) and stable (surge and spike protected)		
Particulate/Odor Outside Ventilated Exhaust System	High-pressure vacuum blower capable of:		
	250 CFM (cubic feet per minute) @ 6 inches static pressure (425m3/hr at 1.5kPa)		500 CFM (cubic feet per minute) @ 6 inches static pressure (850m3/hr at 1.5kPa)
Computer Requirements (See the Installation & Set-up Guide for more information)	Windows XP, Windows Vista, or Windows 7 2.0 GHz Processor (minimum) 1 GB of RAM (minimum) 40 GB Hard Drive (minimum)		
Software Requirement	Graphics or CAD based (See page 61 for recommendations)		

Crate Size VLS360 34x29x51 Weight 400lbs
Crate Size VLS460 43x41x51 Weight 490lbs
Crate Size VLS660 51x42x59 Weight 500lbs

	VLS3.60	VLS4.60	VLS6.60
Laser Safety	CO2 Laser, Interlocked Safety Enclosure = Class 1 Red Diode Pointer = Class 3R		
Work Area*	24 x 12 in (609.6 x 304.8 mm)	24 x 18 in (609.6 x 457.2 mm)	32 x 18 in (812.8 x 457.2 mm)
Table	29 x 17 in (737 x 432 mm)	29 x 23 in (737 x 584 mm)	37 x 23 in (940 x 584 mm)
Maximum Part (WxHxD)	29 x 17 x 9 in (737 x 432 x 229 mm)	29 x 23 x 9 in (737 x 584 x 229 mm)	37 x 23 x 9 in (940 x 584 x 229 mm)
Maximum Part Weight	40 lbs (18 kg)		
Resolutions	1000, 500, 333, 250, 200, 83 dpi/lpi		
Control	Requires a dedicated PC to operate; requires Windows XP, Windows Vista, or Windows 7 (32-bit and 64-bit)		
Interconnection	USB 2.0 High Speed port only		
Cabinet Style	Floor Standing		
Laser Options	10, 25, 30, 35, 40, 45, 50 and 60 watts		
Power Consumption up to:	110V/10A 230V/5A		
Overall Dimensions (WxHxD)	36 x 38 x 30 in (914 x 965 x 762 mm)	36 x 39 x 36.5 in (914 x 991 x 927 mm)	44 x 39 x 37.5 in (1118 x 991 x 953 mm)
Weight (uncrated)	235 lbs (107 kg)	270 lbs (122 kg)	325 lbs (147 kg)
Exhaust Hookup	One 4-inch (10.16 cm) port		Two 4-inch (10.16 cm) ports
Laser Cartridge Weight	10 Watt = 13 lbs (6kg) 25/30 Watt = 20 lbs (9 kg) 35/40 Watt = 23 lbs (10 kg) 45/50/60 Watt = 26 lbs (12 kg)		
Available Options	Standard Air Assist, Air Assist Cone, Air Assist Back Sweep, Air Compressor (desiccant or refrigerated dryer options), Honeycomb Cutting Table, Rotary Fixture, Lens Kits		

Do you have receiving dock for delivery of machine Yes or No.?
Do you have lift truck Yes or No.?
Is a left gate needed on delivery truck Yes or No.?
Does the machine need to be open outside of your building to have it fit through opening Yes or No.?
Do you have steps that the machine must go up or down to get to room Yes or No.?
If yes how many steps or floors will the machine need to be moved?_____
Does machine need to fit in elevator Yes or No.?
If yes list size of elevator doors and floor_____
Minimum door opening to bring machine in to room _____

"Measure door stop to door stop for maximum opening"
For VLS Platform machines minimum opening required of 41 inches.
Note: If your door does not meet above spec please contact your Sales Rep or ULS Support for recommendations. Support@ulsinc.com

Electrical Power as tested at outlet for 110 VAC system:
Between hot wire (Black) and Common wire (white) Voltage_____
Between hot wire (Black) and Ground wire (green/yellow) Voltage_____
Between Common wire (White) and Ground wire (green/yellow) Voltage_____

Electrical Power as tested at outlet for 240 VAC system:
Between hot wire (Blue) and Ground wire (green/yellow) Voltage_____
Between hot wire (Brown) and Ground wire (green/yellow) Voltage_____
Between Common wire (White) and Ground wire (green/yellow) Voltage_____

Particulate/Odor Outside Ventilated Exhaust System

Type of Exhaust System make and model_____

CFM Rating_____

Size of exhaust ducts_____

Compressed air should be clean and free of water and moisture

Incoming pressure _____Minimum is 50 PSI.

Machine should be setting on one (1) single floor section. Not on cracks or expansion joints.

…to be left on site with customer….

IMPORTANT SYSTEM RECEIVING INSTRUCTIONS

When the machine is delivered it needs to be inspected for packaging damage.

Please note on the shipping documents before accepting if any shipping indicators have been triggered, are missing, or have been tampered.

TIP AND TELLS "OK"   _____YES_____NO

SHOCK WATCH INDICATORS "OK"   _____YES_____NO

SYSTEM SHIPPING Carton/Crate "OK"   _____YES_____NO

Please present this document to ULS Factory Service Technician at system installation.

Service Tech Signature _____Date_____

Customer Signature_____Date_____

Any Exceptions noted during the site survey: